

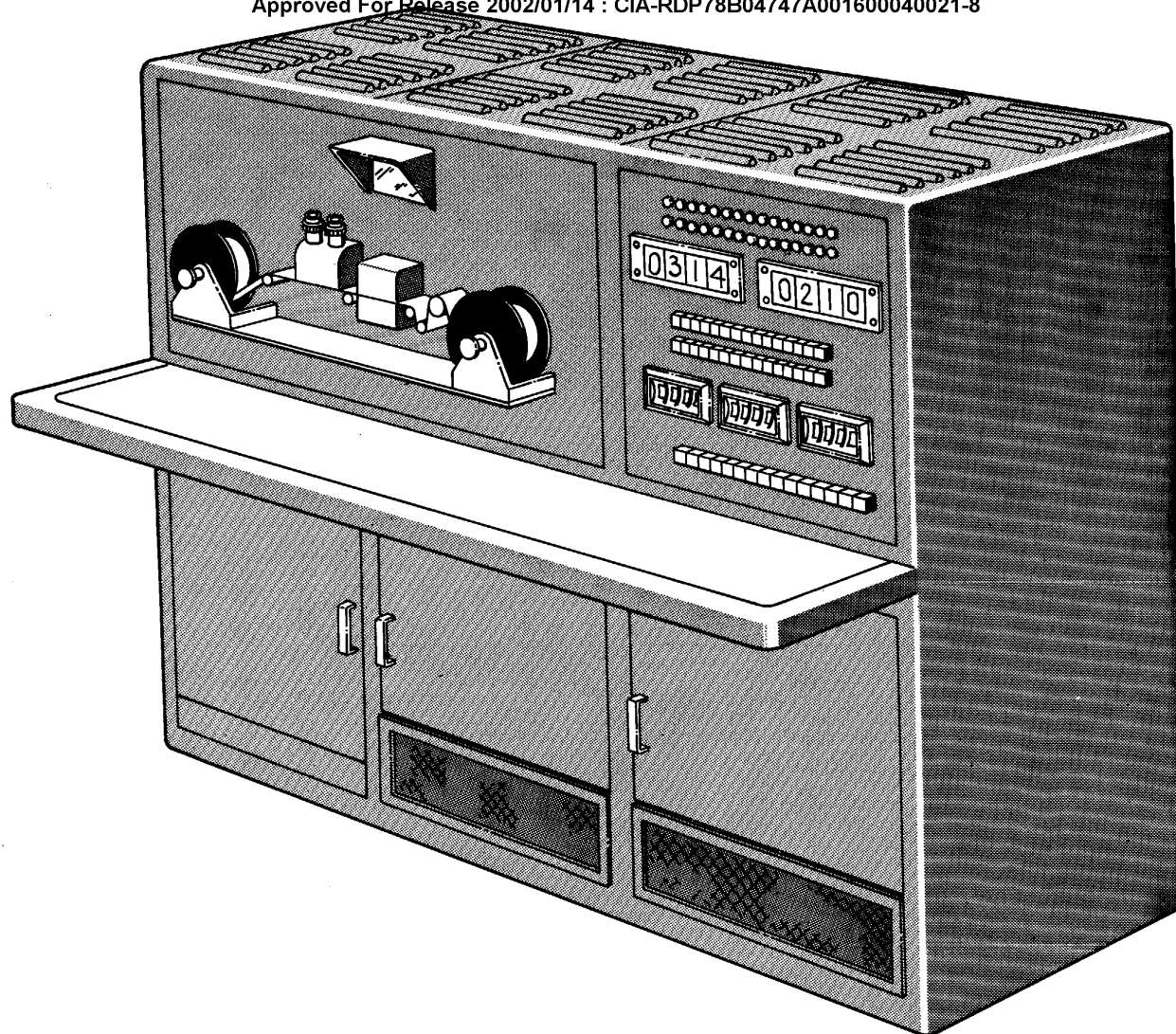
This image shows a blank, aged, cream-colored page, likely an endpaper or flyleaf of a book. The paper has a slightly textured appearance with some minor discoloration and faint smudges. The left edge of the page shows the binding, with visible stitching or staples. The overall tone is warm and slightly yellowed, characteristic of old paper.

112B .. DATA BLOCK

29.32

44

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STATINTL

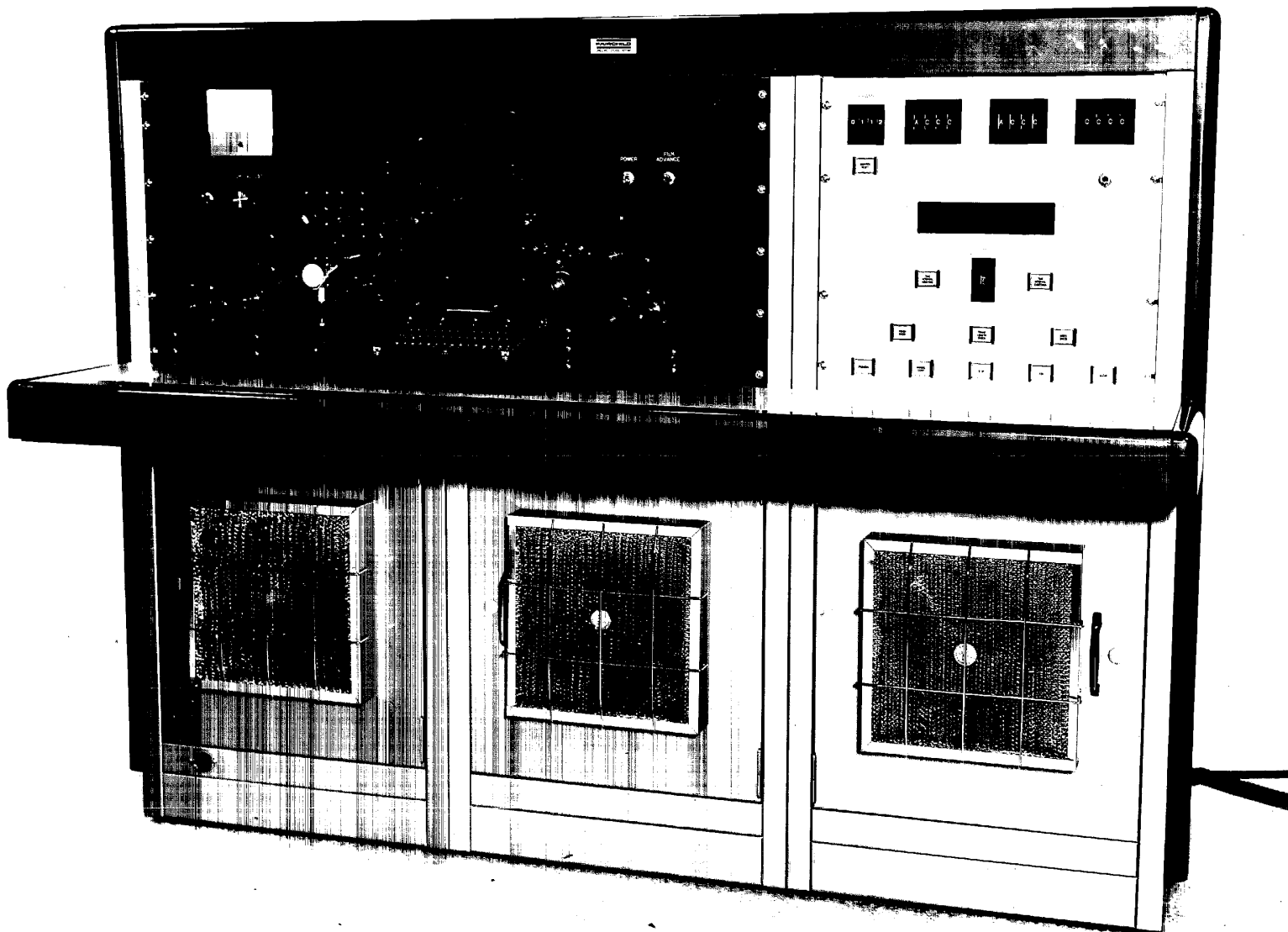
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16 MM DATA BLOCK READER



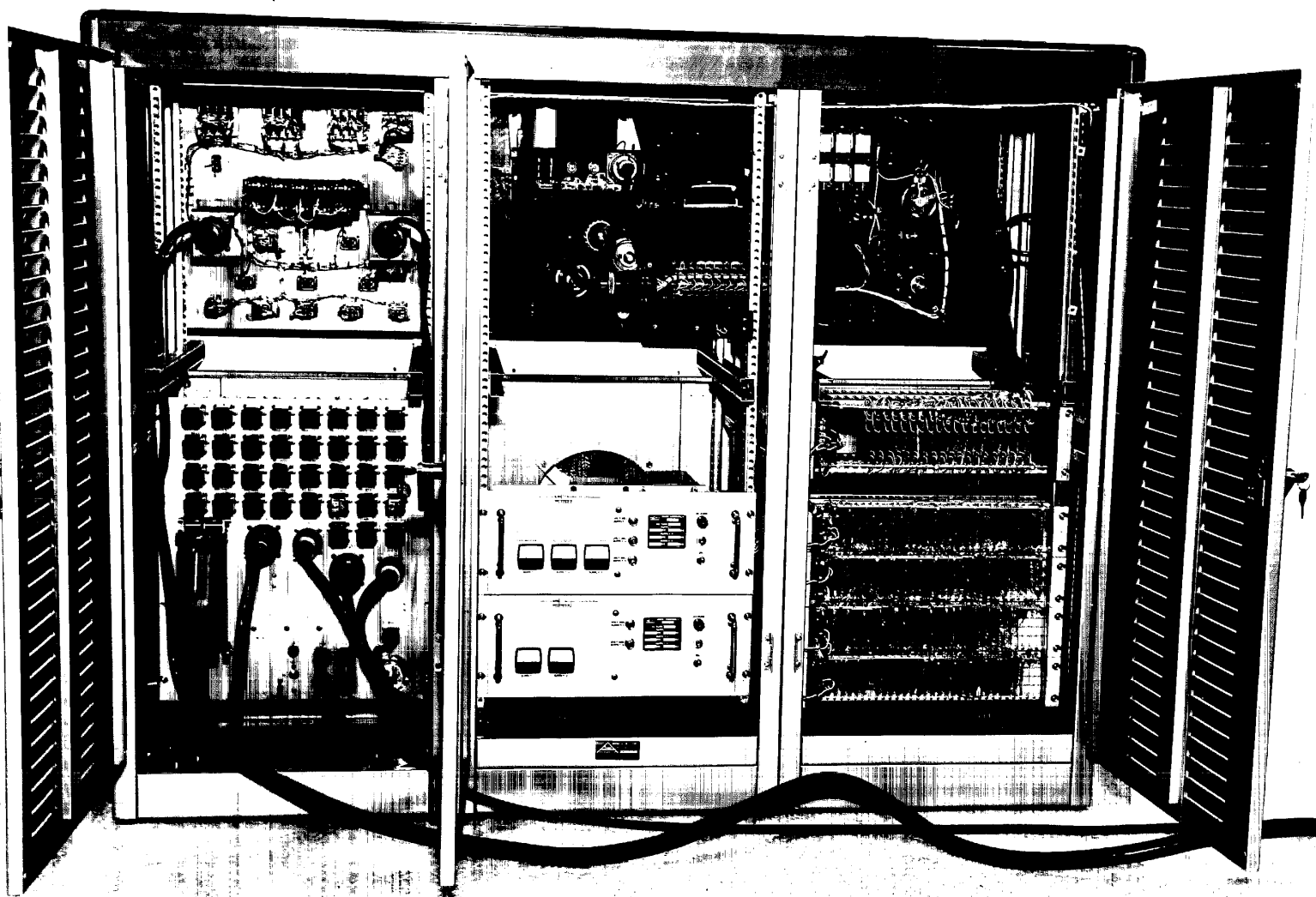
70 mm DBR

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BINARY READOUT

1	1	MISSION
2	2	PASS
4	3	FRAME
8	4	
16	5	
32	6	
64	7	
128	8	
256	9	
512	10	
1024	11	
2048	12	
4096	13	
8192	14	
16384	15	
32768	16	
65536	17	
131072	18	
262144	19	
524288	20	
1048576	21	
2097152	22	
4194304	23	
8388608	24	
16777216	25	
33554432	26	
67108864	27	
134217728	28	
268435456	29	

INSTALLATION ENGINEERING DATA

Date form completed 3/29/66

(See Remarks at end of form)

Tentative ☐ Valid until _____

Final data ☒

I. INSTRUMENT

A. Name of instrument: 70 MM Data Block Reader

B. Manufacturer: _____

C. Contract number: _____

D. Delivery date: Tentative: 4/24/66 Final: _____

STATINTL

II. PHYSICAL FEATURES

A. Sub-assemblies:

1. Number of sub-assemblies: 2
2. Largest sub-assembly: Weight 500 lbs; 70 " H x 70 " W x 37 " D
3. Heaviest sub-assembly: Weight 1100 lbs; 54 " H x 48 " W x 26 " D

B. Assembled instrument:

1. Number of major components: 2
2. Largest component: Weight 500 lbs; 70 " H x 70 " W x 37 " D
3. Heaviest component: Weight 1100 lbs; 54 " H x 48 " W x 26 " D
4. Total floor space required after assembly, including maintenance access and operating space. 7 Ft. 0 In. High x 13 Ft. 0 In. Wide x 8 Ft. 0 In. Deep.
5. Total weight of assembled instrument: 1600 lbs.

C. Type of base of mount: Flat _____; 3-point suspension _____; 4-point suspension _____

See Note 2

D. Does the instrument have built-in mobility? Yes X No _____

E. Is the instrument particularly sensitive to vibration? Yes _____ No X
 Will the instrument generate vibration? Yes X No _____

F. Are any special or unusual tools or fixtures necessary or advisable for the installation of the maintenance of this instrument? Yes X No _____
 If "Yes," please describe: Oscilloscope, signal generator

III. UTILITIES

See Note 3

A. Electrical:

1. Voltage _____ Volts ^{AC} / _____ Volts _____ Volts ^{DC} / _____
2. Current _____ Amps/phase _____ Amps
3. Frequency _____ cps
4. Nr. of phases _____ Ph
5. Nr. of wires _____
6. Power required _____ Watts _____ Watts
7. Power factor _____ (Leading) (Lagging)
8. Type of outlet: Two prong _____; three prong _____; Twist lock _____; Perm. _____
9. Type of ground: Building conduit _____; Direct earth ground _____
10. Should the instrument be shielded, either from external electromagnetic signals or to prevent interference with other equipment? Yes X No _____
 If "Yes," to what extent? Shielding required only to prevent interference with other equipment.

B. Air conditioning:

1. Desired environment: Room air temperature of 60 °F / 80 °F and relative humidity of 20 % / 80 %.
2. Input Air: Is a direct connection necessary? Yes _____ No X;
Adviseable? Yes _____ No X; If "Yes," what is the connector type and size? _____ Recommended input air temperature _____ °F / _____ °F.
Relative humidity _____ % / _____ %. If input air must be filtered, what is the maximum particle size in microns? _____ What particle count? _____ / cu. ft.
3. Output Air: Is a direct connection to the return air duct necessary? Yes _____ No X. Adviseable? Yes _____ No X. Connector type and size? _____
Output air temperature _____ °F / _____ °F. Relative humidity _____ % / _____ %. Output heat _____ BTU/Hr. Flow of _____ CFM. Is output air toxic? Yes _____ No _____; Noxious? Yes _____ No _____.

C. Plumbing: N/A

- Flushing: N/A
1. Is water required? Yes ☐ No ☒ ; Pressure ☐ PSIG, flow ☐ GPM.
 2. Type of water required:
Tap ☐ ^{OF} / ☐ ^{OF} Deionized ☐ ^{OF} / ☐ ^{OF}
Tempered ☐ ^{OF} / ☐ ^{OF} Filtered ☐ ^{OF} / ☐ ^{OF}
If filtered, give maximum permissible particle size in microns and the maximum permissible count. ☐ microns ☐ particles/cu. ft.
 3. Pipe required:
Galvanized ☐ Copper ☐ Size ☐
Stainless Steel ☐ Plastic ☐ Type of connector ☐
 4. Floor drain:
Diameter of drain ☐ Galvanized drain? ☐
Plastic drain? ☐ Glass drain? ☐
 5. Are any chemical solutions used in the device? Yes ☐ No ☐. If "Yes," state the nature of the solution(s), permissible temperature range, flow rate in appropriate units and the filtration necessary for each solution ☐.
 6. Size of pipes and connectors ☐.

D. Compressed air: N/A

- Is compressed air required? Yes _____ No X . Water free? _____ Oil Free? _____
Type and size of connector? _____. Pressure _____ PSIG. Flow in CFM
Maximum _____, minimum _____, average _____.

E. Vacuum: N/A

- Is vacuum required? Yes No X. Pressure PSIA or (inches of water) (millimeters of mercury). Displacement in CFM, maximum , minimum , average . Type and Size of connectors .

F. Peripheral Devices: See Note 4

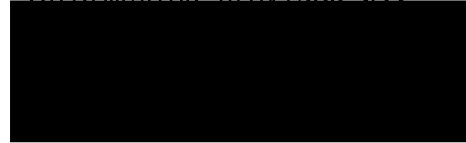
Will the instrument be connected to any peripheral devices such as a computer or data input or data output device? Yes X No . If "Yes," give, in detail, the nature of the connection to the peripheral device such as coaxial cable, multiple wire connector, etc.

IV. REMARKS

- A. Use additional sheets if more space is required for environmental conditions or utilities not mentioned above.
- B. Submit three typed copies of the completed form to the Technical Representative.

- C. Attach three copies of a dimensioned outline drawing of each major component and of the completed assembly. Include the estimated weight of each major component and of the completed assembly. Indicate, on the outline drawing of the completed assembly, the space required for access to the instrument for maintenance.
- D. If a question does not apply to the instrument, insert "N/A" (Not Applicable) in the appropriate blank space.

Information provided by:



25X1A

(Position or job title)
Program Manager

NOTES:

1. Instrument consists of two units.

Unit A: The largest subassembly *- Reader*

Unit B: The heaviest subassembly. This unit is supplied by the Customer. It has been delivered to the Contractor's plant for checkout and will be shipped back to the Customer together with Unit A. *- 519 Card Punch*

2. Unit A base mount has an 8 point suspension.

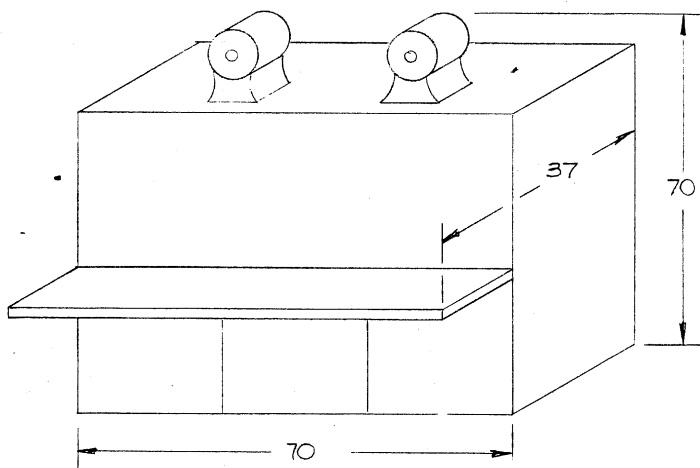
Unit B has a 4 point suspension.

3. Unit A and Unit B are independently connected to the electrical power source. The electrical specifications are as follows:

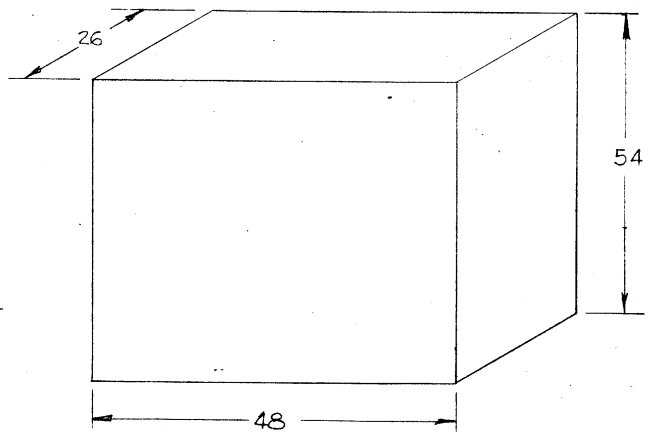
	<u>Unit A</u>	<u>Unit B</u>
1) Voltage	115 volt	115 volt
2) Current	15 amp	15 amp
3) Frequency	60 cps	60 cps
4) Nr. of Phases	1	1, but not same as A
5) Nr. of Wires	3	3
6) Power Req.	750 va	750 va
7) Power Factor	--	--
8) Type of Outlet	Twist lock	Three prong
9) Type of Ground	Direct Earth Ground	Building Conduit

4. Unit B is a peripheral device to Unit A. Connection is by multi-wire cable supplied with Unit B.

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UNIT "A"



UNIT "B"

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7436

PDS

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